

Table B-21

Head circumference in centimeters of persons, ages 1 - 7 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94.

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Both Genders											
AGE at EXAMINATION in YEARS											
Age 1	1,284	47.3	44.9	45.3	45.7	46.2	47.3	48.4	49.0	49.5	50.0
Age 2	1,181	48.9	46.4	47.0	47.4	48.0	48.9	50.0	50.6	51.0	51.5
Age 3	1,069	49.9	47.6	48.1	48.5	49.0	49.9	50.7	51.3	51.7	52.1
Age 4	1,077	50.4	47.9	48.5	48.9	49.5	50.4	51.4	51.9	52.2	52.9
Age 5	1,044	51.1	48.8	49.3	49.7	50.1	51.2	52.1	52.5	53.0	53.6
Age 6	544	51.6	49.2	49.6	50.1	54.4	51.5	52.5	53.3	53.7	54.2
Age 7	528	51.9	49.2	49.9	50.3	50.8	52.0	53.1	53.4	53.8	54.4
Females											
AGE at EXAMINATION in YEARS											
Age 1	631	46.7	44.4	44.9	45.2	45.7	46.7	47.7	48.2	48.7	49.1
Age 2	582	48.4	45.8	46.5	46.9	47.4	48.4	49.3	49.8	50.1	50.7
Age 3	574	49.5	47.2	47.8	48.1	48.6	49.4	50.4	50.7	51.0	51.7
Age 4	528	49.9	47.5	48.0	48.5	49.0	50.0	50.9	51.5	51.7	52.1
Age 5	553	50.7	48.5	49.1	49.3	49.7	50.6	51.7	52.2	52.6	53.4
Age 6	269	51.0	48.6	49.3	49.7	50.1	50.8	52.0	52.4	52.7	53.4
Age 7	267	51.3	48.1	49.2	49.5	50.3	51.3	52.5	53.0	53.2	54.1
Males											
AGE at EXAMINATION in YEARS											
Age 1	653	47.9	45.6	46.0	46.4	46.8	47.8	48.8	49.5	49.9	50.3
Age 2	599	49.5	47.3	47.8	48.1	48.5	49.5	50.5	51.0	51.2	51.8
Age 3	495	50.3	48.2	48.7	49.0	49.4	50.1	51.2	51.7	52.0	52.3
Age 4	549	50.8	48.5	49.1	49.5	50.0	50.8	51.7	52.2	52.5	53.5
Age 5	491	51.5	49.4	49.8	50.2	50.7	51.6	52.3	52.8	53.1	53.9
Age 6	275	52.0	49.5	50.0	50.3	50.8	52.1	53.2	54.1	54.2	54.7
Age 7	261	52.5	50.3	50.7	51.0	51.5	52.5	53.3	53.7	54.0	54.9

Table B-22

Head circumference in centimeters of persons, ages 12-23 months by gender and age with sample sizes, means, and medians: United States, 1971-74 ^{1/}

	SAMPLE SIZE	Mean	MEDIAN
GENDER			
Both Genders			
AGE at EXAMINATION			
in MONTHS			
12 to 14	92		46.2
15 to 17	141	46.8	46.8
18 to 20	179	47.2	47.5
21 to 23	141	47.9	48.0
Females			
AGE at EXAMINATION			
in MONTHS			
12 to 14	48	45.6	45.6
15 to 17	68	45.8	45.9
18 to 20	80	46.3	46.1
21 to 23	71	47.4	47.7
Males			
AGE at EXAMINATION			
in MONTHS			
12 to 14	44	46.9	47.0
15 to 17	73	47.7	47.7
18 to 20	99	48.1	48.2
21 to 23	70	48.3	48.2

^{1/} NOTE: Mean and Median only are displayed because of the relatively small sample sizes in NHANES I and NHANES II

Table B-23

Head circumference in centimeters of persons, ages 6-23 months by gender and age with sample sizes, means, and medians: United States, 1976-80 ^{1/}

	SAMPLE SIZE	Mean	MEDIAN
GENDER			
Both Genders			
AGE at EXAMINATION			
in MONTHS			
6 to 8	112	43.8	43.9
9 to 11	180	44.9	44.7
12 to 14	192	45.9	45.8
15 to 17	176	46.6	46.7
18 to 20	176	47.2	47.2
21 to 23	173	47.7	47.5
Females			
AGE at EXAMINATION			
in MONTHS			
6 to 8	56	42.8	43.1
9 to 11	86	44.3	44.3
12 to 14	103	45.2	45.1
15 to 17	81	45.8	45.9
18 to 20	82	46.5	46.5
21 to 23	84	47.1	47.1
Males			
AGE at EXAMINATION			
in MONTHS			
6 to 8	56	44.8	44.4
9 to 11	94	45.4	45.3
12 to 14	89	46.9	46.7
15 to 17	95	47.2	47.2
18 to 20	94	47.8	47.8
21 to 23	89	48.3	48.2

^{1/} NOTE: Mean and Median only are displayed because of the relatively small sample sizes in NHANES I and NHANES II

Table B-24

Head circumference in centimeters of persons, ages 2-23 months by gender and age with sample sizes, means, and medians: United States, 1988-94 2/

	SAMPLE SIZE	Mean	MEDIAN
GENDER			
Both Genders			
AGE at EXAMINATION			
in MONTHS			
- 2 to 5	672	41.5	41.7
6 to 8	580	44.2	44.1
9 to 11	588	45.4	45.5
12 to 14	342	46.6	46.6
15 to 17	317	47.0	46.9
18 to 20	317	47.4	47.5
21 to 23	308	48.1	48.1
Females			
AGE at EXAMINATION			
in MONTHS			
2 to 5	344	40.9	41.0
6 to 8	261	43.5	43.4
9 to 11	314	44.9	44.9
12 to 14	151	45.9	45.9
15 to 17	159	46.1	46.1
18 to 20	167	46.9	46.8
21 to 23	154	47.6	47.8
Males			
AGE at EXAMINATION			
in MONTHS			
2 to 5	328	42.1	42.1
6 to 8	319	44.8	44.8
9 to 11	274	46.0	46.0
12 to 14	191	47.1	47.1
15 to 17	158	47.8	47.7
18 to 20	150	48.0	48.0
21 to 23	154	48.6	48.6

1/ NOTE: Mean and Median only are displayed because of the relatively small sample sizes in NHANES I and NHANES II.

2/ NOTE: Mean and Median only are displayed for NHANES III for the sake of consistency.

The B-25

Wrist breadth in centimeters of persons, ages 12-17 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1966-70

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Both Genders											
AGE at EXAMINATION											
in YEARS											
Age 12.....	1,190	5.0	4.5	4.5	4.6	4.7	4.9	5.2	5.3	5.4	5.5
Age 13.....	1,208	5.1	4.5	4.7	4.7	4.9	5.1	5.3	5.6	5.7	5.9
Age 14.....	1,204	5.2	4.6	4.7	4.8	5.0	5.2	5.5	5.7	5.8	5.9
Age 15.....	1,116	5.3	4.6	4.7	4.8	5.0	5.3	5.6	5.8	5.9	6.1
Age 16.....	1,092	5.3	4.6	4.7	4.8	5.0	5.3	5.6	5.8	5.9	6.1
Age 17.....	900	5.3	4.6	4.7	4.8	5.0	5.3	5.7	5.9	5.9	6.1
Females											
AGE at EXAMINATION											
in YEARS											
Age 12.....	547	4.9	4.4	4.5	4.6	4.7	4.9	5.1	5.1	5.2	5.3
Age 13.....	582	4.9	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4
Age 14.....	586	5.0	4.5	4.6	4.7	4.8	5.0	5.2	5.2	5.3	5.4
Age 15.....	503	5.0	4.5	4.6	4.7	4.8	5.0	5.2	5.3	5.3	5.5
Age 16.....	536	5.0	4.5	4.6	4.7	4.8	5.0	5.2	5.3	5.3	5.4
Age 17.....	442	5.0	4.5	4.6	4.6	4.7	5.0	5.1	5.2	5.3	5.4
Males											
AGE at EXAMINATION											
in YEARS											
Age 12.....	643	5.0	4.5	4.6	4.7	4.8	5.0	5.3	5.4	5.5	5.6
Age 13.....	626	5.3	4.7	4.8	4.9	5.0	5.2	5.6	5.7	5.9	5.9
Age 14.....	618	5.5	4.9	5.1	5.2	5.3	5.5	5.7	5.8	5.9	6.0
Age 15.....	613	5.6	5.0	5.2	5.3	5.4	5.6	5.9	6.0	6.1	6.2
Age 16.....	556	5.7	5.2	5.3	5.3	5.5	5.6	5.8	6.0	6.1	6.2
Age 17.....	458	5.7	5.2	5.3	5.4	5.5	5.7	5.9	6.0	6.1	6.2

Table B-26

Wrist breadth in centimeters of persons, ages 2-18 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94

	SAMPLE SIZE	Mean	SELECTED PERCENTILES									
			5th	10th	15th	25th	Median	75th	85th	90th	95th	
GENDER												
Both Genders												
AGE at EXAMINATION												
In YEARS												
Age 2	1,036	3.5	3.2	3.2	3.3	3.4	3.5	3.7	3.7	3.8	3.8	3.9
Age 3	1,054	3.7	3.3	3.4	3.4	3.5	3.7	3.8	4.0	4.0	4.0	4.1
Age 4	1,072	3.8	3.4	3.5	3.6	3.7	3.8	4.0	4.1	4.1	4.2	4.3
Age 5	1,050	4.0	3.5	3.6	3.7	3.8	4.0	4.2	4.3	4.3	4.4	4.5
Age 6	553	4.2	3.7	3.8	3.9	4.0	4.2	4.4	4.5	4.5	4.5	4.7
Age 7	538	4.3	3.7	3.9	4.0	4.1	4.3	4.5	4.6	4.6	4.6	4.8
Age 8	506	4.4	4.0	4.0	4.1	4.2	4.4	4.6	4.7	4.7	4.8	4.9
Age 9	547	4.6	4.1	4.2	4.3	4.4	4.6	4.9	5.0	5.1	5.1	5.1
Age 10	551	4.8	4.2	4.3	4.4	4.5	4.7	5.0	5.1	5.2	5.2	5.3
Age 11	552	4.9	4.4	4.5	4.6	4.7	4.9	5.2	5.3	5.3	5.4	5.5
Age 12	435	5.1	4.5	4.6	4.7	4.9	5.1	5.3	5.5	5.5	5.7	5.9
Age 13	400	5.3	4.6	4.7	4.8	5.0	5.2	5.6	5.8	5.9	5.9	6.2
Age 14	406	5.4	4.6	4.7	4.9	5.0	5.3	5.7	5.9	5.9	6.0	6.1
Age 15	380	5.3	4.6	4.8	4.9	5.0	5.3	5.6	5.8	5.9	5.9	6.0
Age 16	402	5.4	4.7	4.8	5.0	5.1	5.5	5.8	5.9	6.0	6.0	6.1
Age 17	405	5.5	4.7	4.8	4.9	5.1	5.5	5.9	6.0	6.1	6.1	6.3
Age 18	357	5.4	4.6	4.7	4.8	5.0	5.3	5.8	6.1	6.1	6.1	6.3

Table B-26 Continued

Wrist breadth in centimeters of persons, ages 2-18 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Females											
AGE at EXAMINATION											
In YEARS											
Age 2	508	3.5	3.1	3.2	3.2	3.3	3.5	3.6	3.7	3.7	3.8
Age 3	567	3.6	3.2	3.3	3.4	3.5	3.6	3.8	3.9	3.9	4.0
Age 4	528	3.8	3.4	3.5	3.5	3.6	3.8	4.0	4.0	4.2	4.3
Age 5	555	3.9	3.4	3.6	3.7	3.7	3.9	4.1	4.2	4.3	4.5
Age 6	274	4.1	3.6	3.7	3.8	3.9	4.1	4.2	4.4	4.4	4.5
Age 7	269	4.2	3.6	3.7	3.9	4.0	4.2	4.4	4.5	4.6	4.7
Age 8	245	4.4	4.0	4.0	4.1	4.2	4.4	4.6	4.7	4.7	4.8
Age 9	271	4.6	4.1	4.2	4.3	4.4	4.5	4.8	4.9	5.0	5.1
Age 10	257	4.7	4.2	4.3	4.4	4.5	4.7	4.9	5.0	5.1	5.2
Age 11	270	4.9	4.4	4.4	4.5	4.6	4.8	5.1	5.2	5.3	5.4
Age 12	233	5.0	4.5	4.5	4.5	4.7	5.0	5.2	5.2	5.4	5.5
Age 13	218	5.0	4.6	4.7	4.7	4.8	5.0	5.2	5.3	5.4	5.6
Age 14	219	5.0	4.5	4.6	4.7	4.8	5.0	5.2	5.3	5.4	5.5
Age 15	195	5.0	4.6	4.7	4.7	4.9	5.0	5.2	5.3	5.4	5.5
Age 16	210	5.1	4.6	4.6	4.7	4.8	5.1	5.3	5.4	5.5	5.6
Age 17	212	5.0	4.6	4.7	4.7	4.9	5.1	5.2	5.3	5.4	5.5
Age 18	188	5.0	4.5	4.7	4.7	4.8	5.0	5.2	5.3	5.4	5.6

Table B-26 Continued

Wrist breadth in centimeters of persons, ages 2-18 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Males											
ACE at EXAMINATION											
in YEARS											
Age 2	528	3.6	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8	4.0
Age 3	487	3.8	3.4	3.5	3.5	3.6	3.8	3.9	4.0	4.1	4.2
Age 4	544	3.9	3.5	3.6	3.6	3.7	3.9	4.0	4.1	4.2	4.3
Age 5	495	4.1	3.6	3.7	3.7	3.9	4.1	4.3	4.4	4.4	4.5
Age 6	279	4.2	3.7	3.9	4.0	4.0	4.3	4.5	4.5	4.6	4.8
Age 7	269	4.4	4.0	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8
Age 8	261	4.5	4.0	4.0	4.0	4.2	4.4	4.6	4.8	4.9	5.0
Age 9	276	4.7	4.1	4.2	4.4	4.5	4.7	5.0	5.1	5.1	5.2
Age 10	294	4.8	4.2	4.5	4.5	4.6	4.8	5.0	5.2	5.2	5.4
Age 11	282	5.0	4.5	4.6	4.7	4.8	5.0	5.2	5.4	5.5	5.6
Age 12	202	5.3	4.6	4.7	4.9	5.0	5.2	5.5	5.8	5.9	6.0
Age 13	182	5.5	4.8	4.8	5.0	5.2	5.5	5.8	5.9	6.2	6.2
Age 14	187	5.7	5.0	5.2	5.3	5.4	5.7	6.0	6.1	6.1	6.2
Age 15	185	5.7	5.2	5.3	5.4	5.5	5.7	5.8	6.0	6.1	6.3
Age 16	192	5.7	5.2	5.3	5.5	5.6	5.7	6.0	6.1	6.1	6.1
Age 17	193	5.8	5.4	5.5	5.5	5.6	5.8	6.0	6.2	6.3	6.4
Age 18	169	5.8	5.2	5.4	5.5	5.6	5.8	6.1	6.2	6.3	6.4

Table B-27

Biacromial breadth in centimeters of persons, ages 6-11 years by gender and age With sample sizes, means, and nine selected percentiles: United States, 1962-65

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Both Genders											
AGE at EXAMINATION in YEARS											
Age 6	1,111	26.0	23.5	24.0	24.3	24.9	25.9	27.0	27.5	28.0	28.7
Age 7	1,241	27.1	24.6	25.1	25.6	26.2	27.1	28.0	28.7	29.1	29.8
Age 8	1,231	28.3	25.5	26.2	26.5	27.2	28.3	29.5	30.2	30.5	31.1
Age 9	1,184	29.5	26.4	27.2	27.6	28.2	29.4	30.7	31.4	31.8	32.5
Age 10.....	1,160	30.5	27.5	28.2	28.6	29.3	30.5	31.7	32.4	33.0	33.7
Age 11.....	1,120	31.8	28.9	29.4	29.9	30.5	31.7	33.1	34.0	34.5	35.5
Females											
AGE at EXAMINATION in YEARS											
Age 6	536	25.8	23.6				25.8	26.7		27.9	28.5
Age 7	609	27.0	24.6	25.0	24.3	24.7	27.0	27.9	28.4	28.9	29.6
Age 8	613	28.1	25.5	26.2	26.4	26.0 27.0	28.1	29.4	30.0	30.3	30.9
Age 9	581	29.3	26.3	27.0	27.4			30.5	31.2	31.7	32.2
Age 10.....	584	30.5	27.3			28.1	29.2	31.8	32.7		33.8
Age 11.....	525	31.9	28.7	29.8	29.7	30.4	31.7	33.3	34.1	34.7	35.6
Males											
AGE at EXAMINATION in YEARS											
Age 6	575	26.1	23.5	24.0	24.4						
Age 7	632	27.3	24.8	25.3	25.8	25.1 26.3	26.1 27.3	28.2	29.0	28.1 29.3	28.9 30.2
Age 8	618	28.5	25.6	26.3	26.8	27.3	28.4	29.7	30.3	30.7	31.3
Age 9	603	29.6	26.9		27.8	29.4	29.5	30.8	31.5		32.9
Age 10.....	576	30.5	27.5	28.3	28.9	30.7	30.5	31.7	32.2	32.0	33.7
Age 11.....	595	31.8	29.0		30.0		31.7	33.0	33.8	34.2	35.1

Table B-28

Biacromial breadth in centimeters of persons, ages 12-17 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1966-70

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Both Genders											
AGE at EXAMINATION in YEARS											
Age 12.....	1,208	33.0	29.6	31.6	31.0	31.7	33.1	34.4	35.0	35.4	36.1
Age 13.....	1,204	34.3	32.0	32.7	32.0	32.9	34.3	35.7	36.7	37.3	38.1
Age 14.....	1,116	35.6	32.6	33.3	34.0	35.5	37.1	38.0	38.7	39.7	40.6
Age 15.....	1,092	36.4	33.3	34.0	33.7	34.6	36.9	39.0	39.2	40.5	40.6
Age 16.....	900	37.1	33.3	34.1	34.5	35.2	37.4	39.6	40.0	41.2	41.5
Age 17.....		37.5	33.4		34.5	35.3			40.5		42.2
Females											
AGE at EXAMINATION in YEARS											
Age 12.....	582	33.2	31.0	30.6	31.1	31.9	33.2	34.6	35.2	35.6	36.2
Age 13.....	586	34.0	31.9	31.6	32.1	32.8	34.1	35.2	36.1	36.5	37.1
Age 14.....	503	34.8	32.2	32.5	33.0	33.6	34.8	35.9	36.6	37.1	37.7
Age 15.....		35.0	32.6	32.6	33.1	33.7	35.1	36.3	36.9	37.1	38.2
Age 16.....	536	35.4	32.8	33.3	33.7	34.3	35.4	36.5	37.0	37.4	38.4
Age 17.....	442	35.4	32.7	33.4	33.8	34.4	35.4	36.5	37.1	37.6	38.3
Males											
AGE at EXAMINATION in YEARS											
Age 12.....	643	32.8	29.4	30.1	30.7	31.6	32.9	34.1	34.7	35.2	36.1
Age 13.....	618	34.6	30.6	31.5	32.0	34.9	34.5	36.4	37.4	37.9	38.8
Age 14.....	613	36.4	32.2	33.3	33.8	36.3	36.5	38.1	39.1	39.6	40.6
Age 15.....		37.8	33.5	34.6	35.4	38.0	38.0	39.4	40.1	40.5	41.3
Age 16.....	556	38.8	35.4	36.1	36.6	38.9	38.9	40.9	40.9	41.5	42.0
Age 17.....	458	39.5	36.1	36.9	37.5	38.5	39.5	40.8	41.5	42.2	42.5

Table B-29

Biacromial breadth in centimeters of persons, ages 3-18 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94.

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Both Genders											
AGE at EXAMINATION											
in YEARS											
Age 3	981	22.3	20.0	20.4	21.0	21.4	22.3	23.1	23.5	23.9	24.5
Age 4	1,068	23.7	21.2	21.9	22.2	22.7	23.7	24.6	25.2	25.7	26.2
Age 5	1,048	25.0	22.1	22.9	23.3	23.8	25.0	26.0	26.5	27.1	27.5
Age 6	553	26.2	23.7	24.4	24.6	25.1	26.0	27.3	28.0	28.7	29.1
Age 7	539	27.4	24.4	25.2	25.7	26.3	27.2	28.7	29.2	29.8	30.5
Age 8	507	28.9	25.8	26.3	27.4	27.3	28.9	30.0	30.7	31.4	32.6
Age 9	548	30.4	27.3	28.1	28.5	29.2	30.2	31.6	32.2	32.9	34.4
Age 10	547	31.1	28.4	29.1	29.5	30.1	30.9	32.2	33.0	33.4	34.4
Age 11	550	32.8	29.5	30.3	30.7	31.6	32.9	33.9	34.9	35.3	36.0
Age 12	435	34.3	30.8	31.4	32.0	32.8	34.4	35.7	36.3	36.9	37.8
Age 13	399	35.7	32.1	32.8	33.2	34.0	35.5	37.4	38.3	39.1	40.1
Age 14	406	36.9	33.2	34.2	34.4	35.1	36.8	38.2	39.0	40.2	41.7
Age 15	378	37.4	33.6	34.0	34.6	35.4	37.5	39.2	40.2	40.5	41.0
Age 16	404	38.4	34.2	34.9	35.5	36.7	38.3	40.2	41.1	41.7	43.2
Age 17	405	38.9	34.3	35.4	35.9	36.6	38.8	40.8	42.3	43.2	43.7
Age 18	354	38.7	34.3	34.8	35.3	36.4	38.4	41.0	42.1	42.6	43.4

Table B-29 Continued

Biacromial breadth in centimeters of persons, ages 3 - 18 years by gender and age with sample sizes, means, and nine selected percentiles: United States, 1988-94.

	SAMPLE SIZE	Mean	SELECTED PERCENTILES								
			5th	10th	15th	25th	Median	75th	85th	90th	95th
GENDER											
Females											
AGE at EXAMINATION in YEARS											
Age 3	529	22.2	20.0	20.4	20.8	21.3	22.1	23.1	23.4	23.8	24.5
Age 4	526	23.8	21.2	21.9	22.1	22.7	23.6	24.6	25.2	25.9	26.8
Age 5	556	24.9	22.1	22.9	23.1	23.7	24.8	26.0	26.5	27.3	27.8
Age 6	274	26.1	24.0	24.4	24.8	25.2	26.0	26.9	27.7	28.5	29.0
Age 7	271	27.2	24.3	24.8	25.5	26.2	27.2	28.5	29.3	29.5	30.4
Age 8	245	28.8	25.8	26.2	26.5	27.3	28.8	30.2	30.5	31.0	32.4
Age 9	274	30.2	27.2	28.1	28.4	28.7	30.0	31.4	32.1	32.8	33.4
Age 10.....	255	31.1	28.6	29.3	29.6	30.1	30.7	32.2	32.9	33.7	34.3
Age 11.....	269	33.0	29.4	30.1	30.6	31.6	33.0	34.5	35.1	35.7	36.0
Age 12.....	233	34.1	30.7	31.2	31.9	32.8	34.2	35.5	36.2	36.5	37.2
Age 13.....	218	35.5	32.3	32.8	33.1	33.9	35.0	36.9	38.1	38.8	40.0
Age 14.....	219	36.0	33.1	33.8	34.2	34.5	35.9	37.4	37.8	38.3	39.2
Age 15.....	195	36.3	33.4	33.7	34.0	34.6	36.3	37.8	38.8	39.2	40.3
Age 16.....	211	36.7	33.7	34.2	34.7	35.3	36.8	38.2	38.5	38.7	39.2
Age 17.....	212	36.7	34.0	34.3	34.8	35.8	36.6	37.9	38.6	39.1	39.2
Age 18.....	185	36.6	33.8	34.3	34.6	35.1	36.7	37.7	38.3	39.1	40.1

Attachment **B**

Attachment B

Attached are 12 plots for various measurements and populations taken from the NCHS studies for comparison. The plots show the net change that has occurred in the past 20 or so years for each year of age.

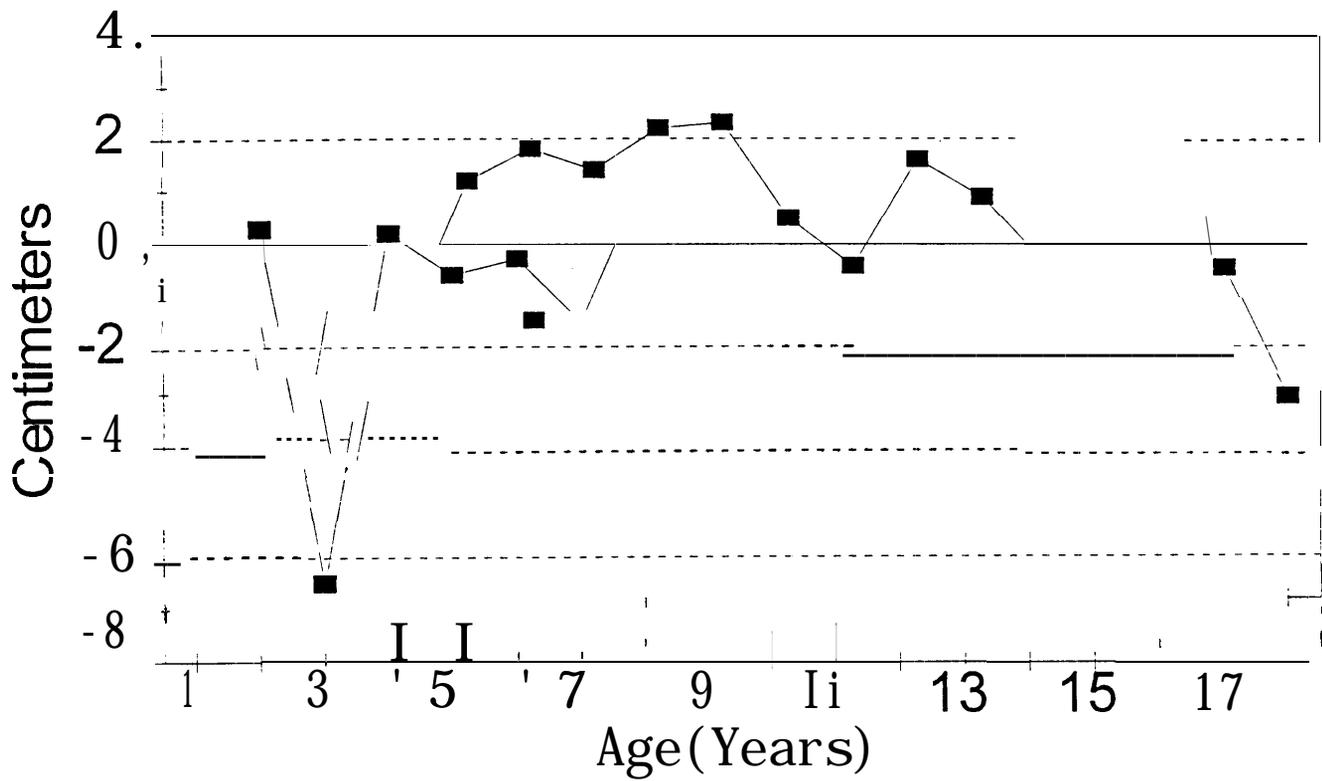
Please note that all combinations were not graphed since that level of detail was not believed necessary. Biacromial breadth was not plotted since it has limited application above 6 years of age. Wrist breadth was not plotted since it has not been used to my knowledge.

Please note the units and scales on the ordinate.

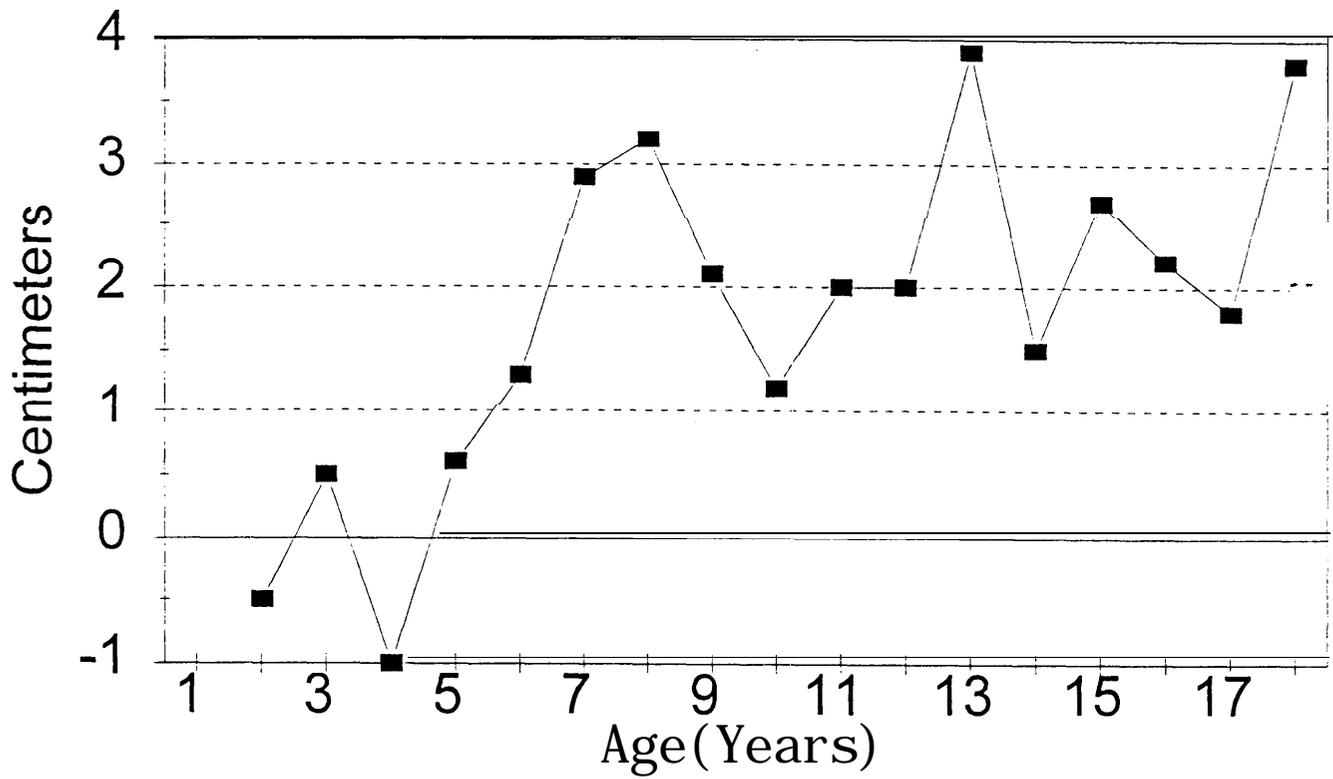
If there are any questions please call me at x1285.

Terry

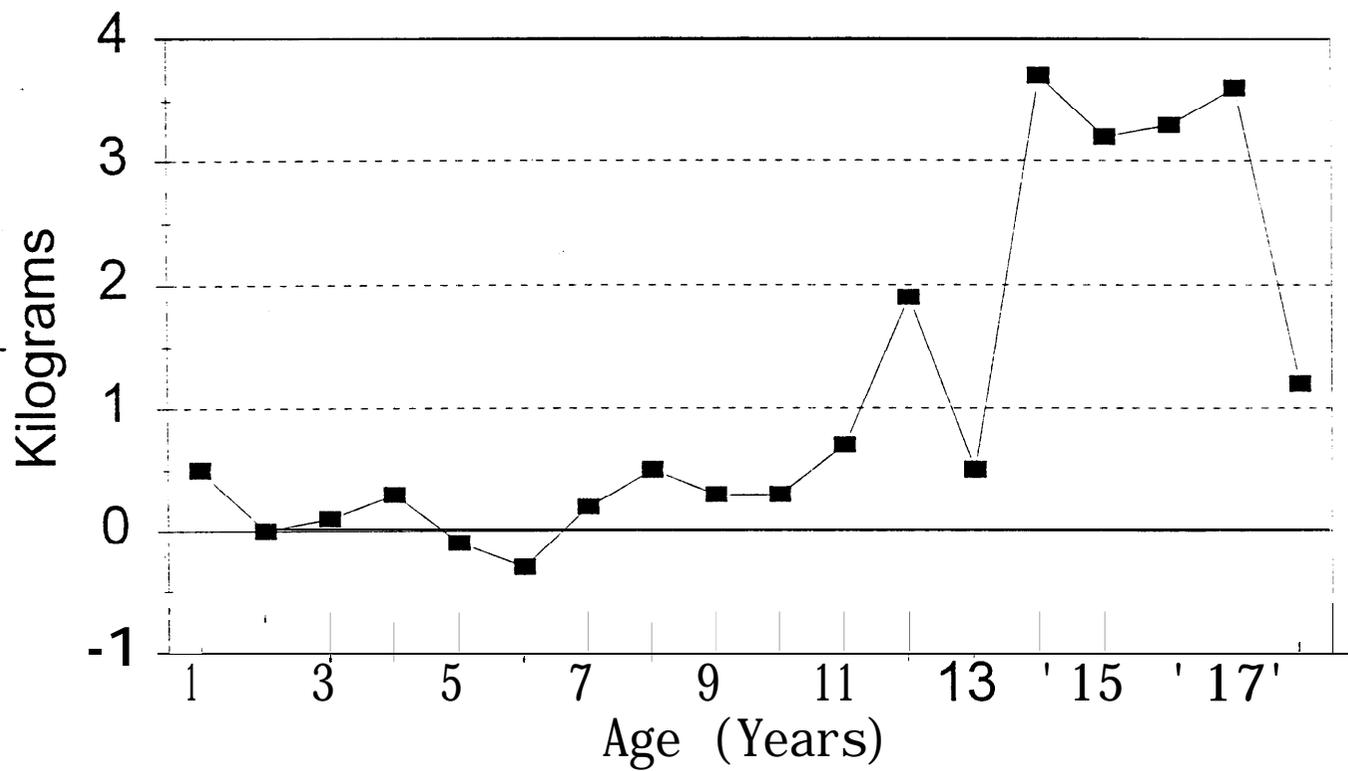
Change in 5th Percentile Height - Combined (cm.)



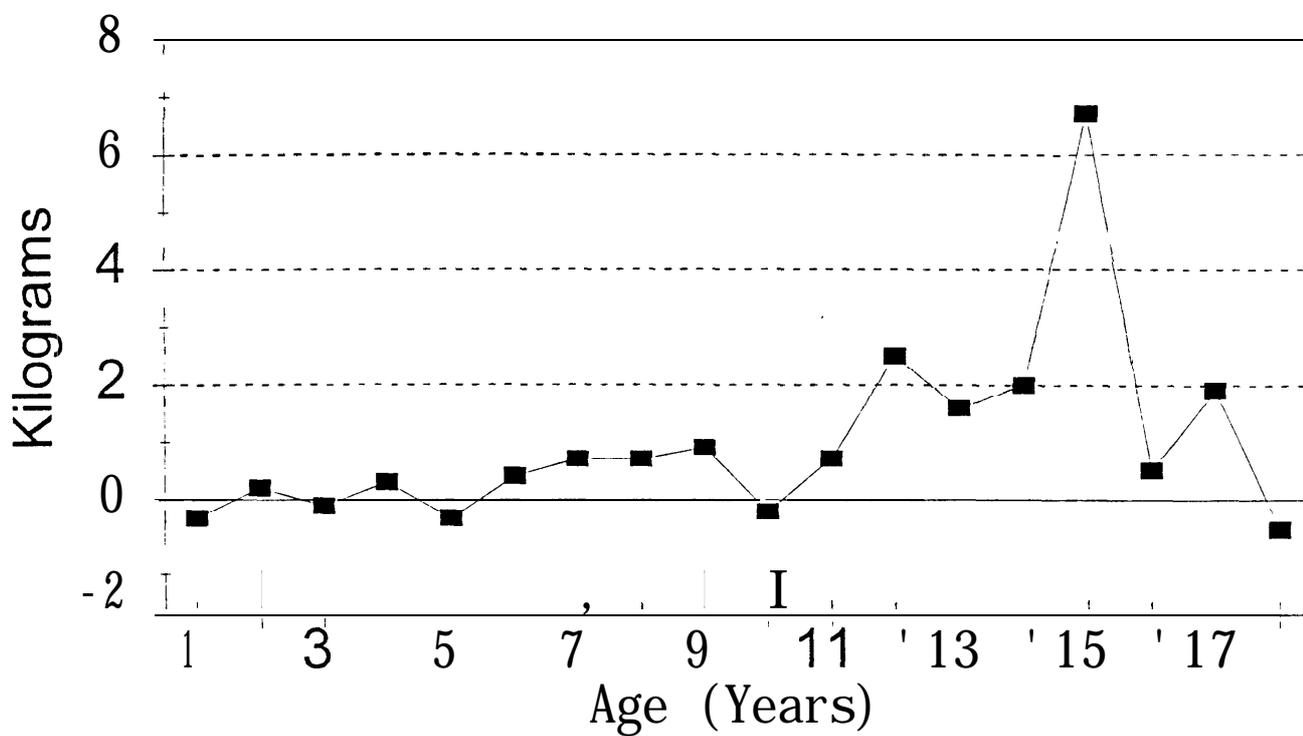
Change in 95th Percentile Height - Combined



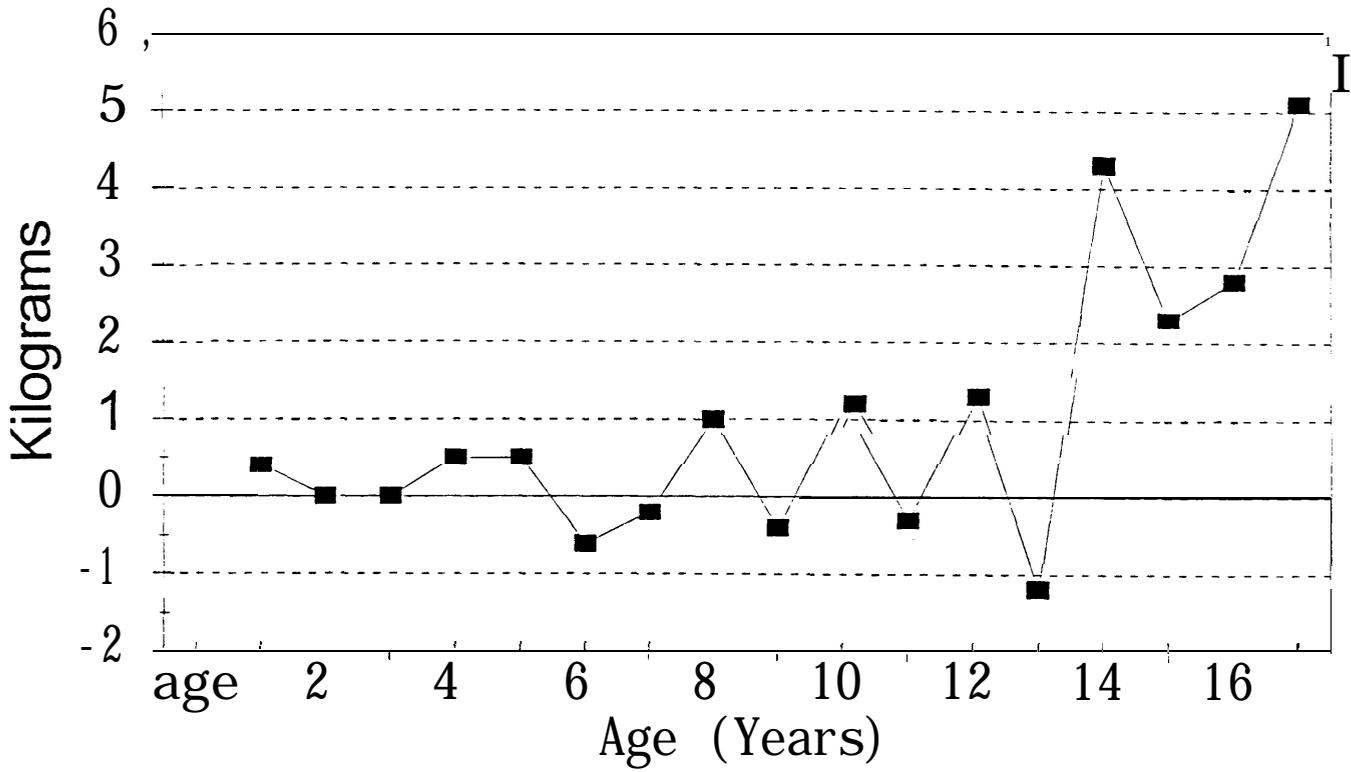
Change in 5th Percentile Weight - Combined (Kg.)



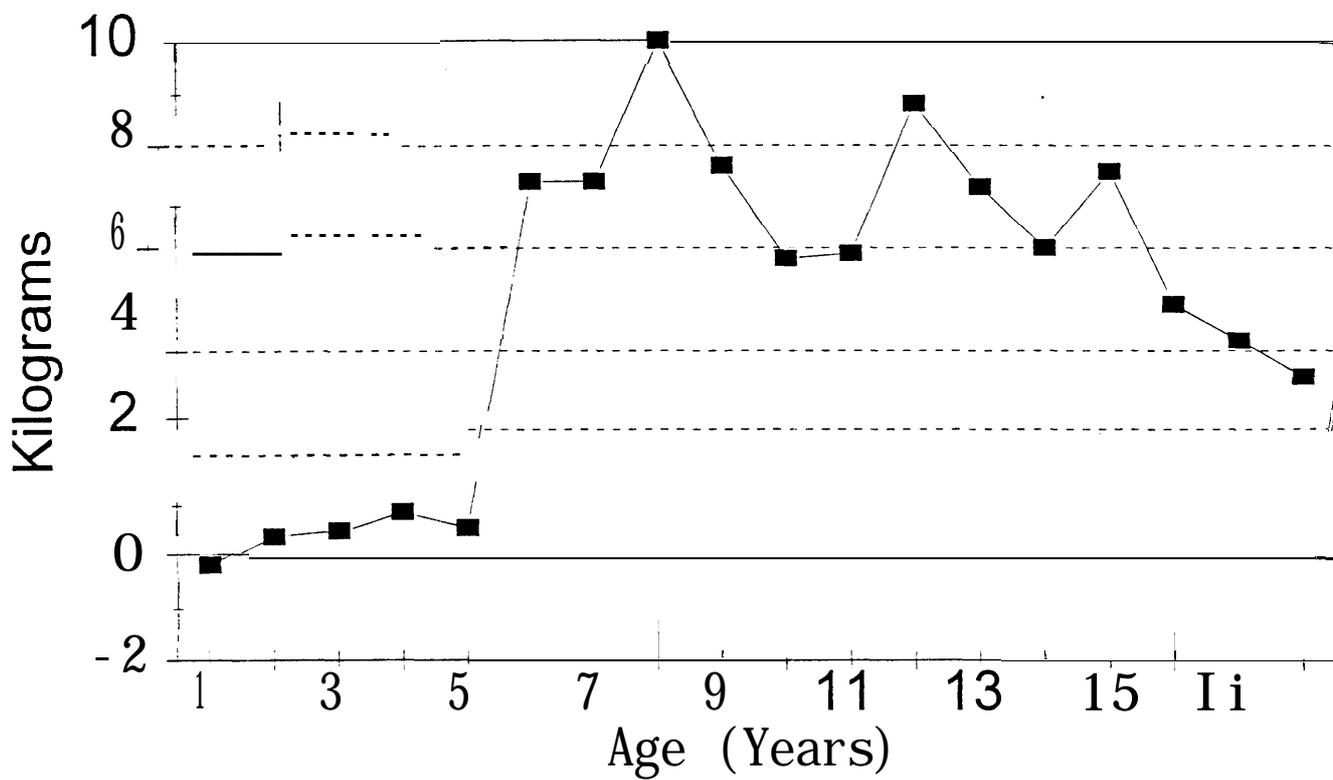
Change in 5th Percentile Weight - Males (Kg.)



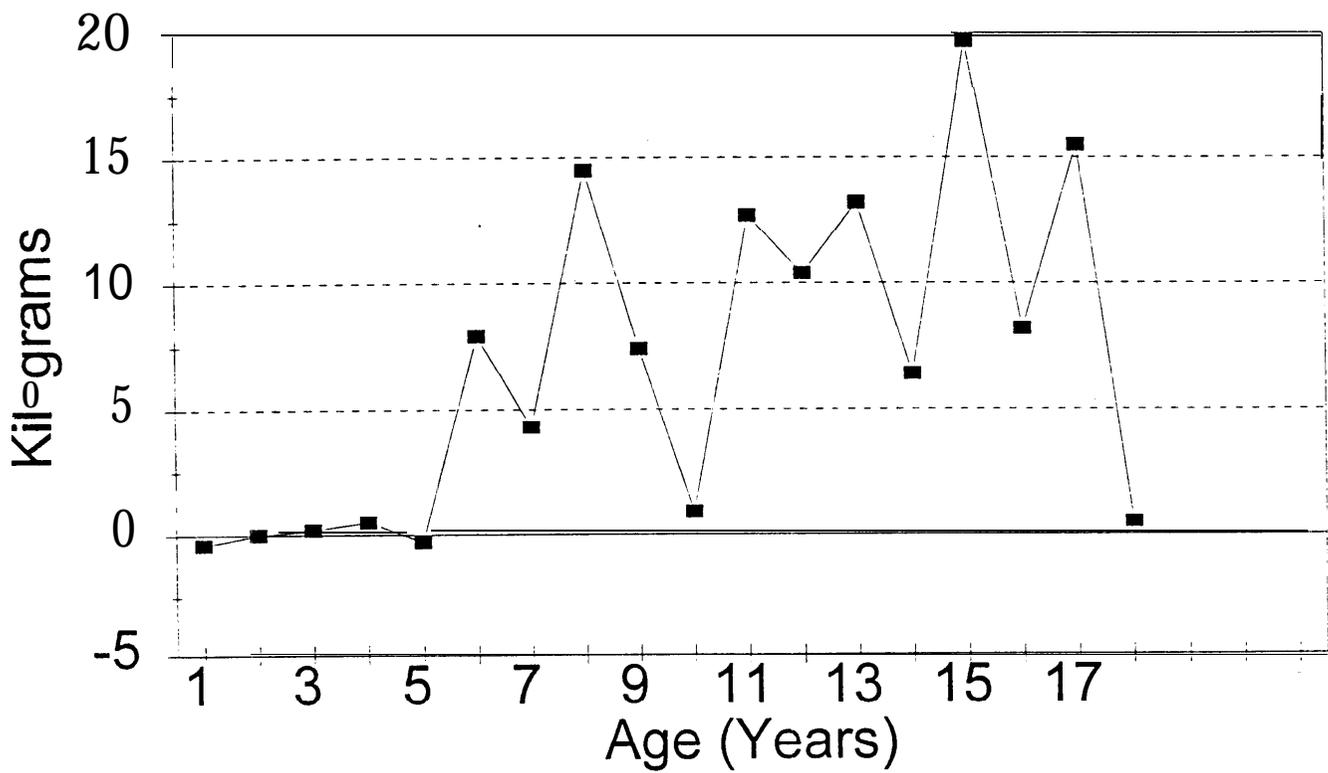
Change in 5th Percentile Weight - Females (Kg.)



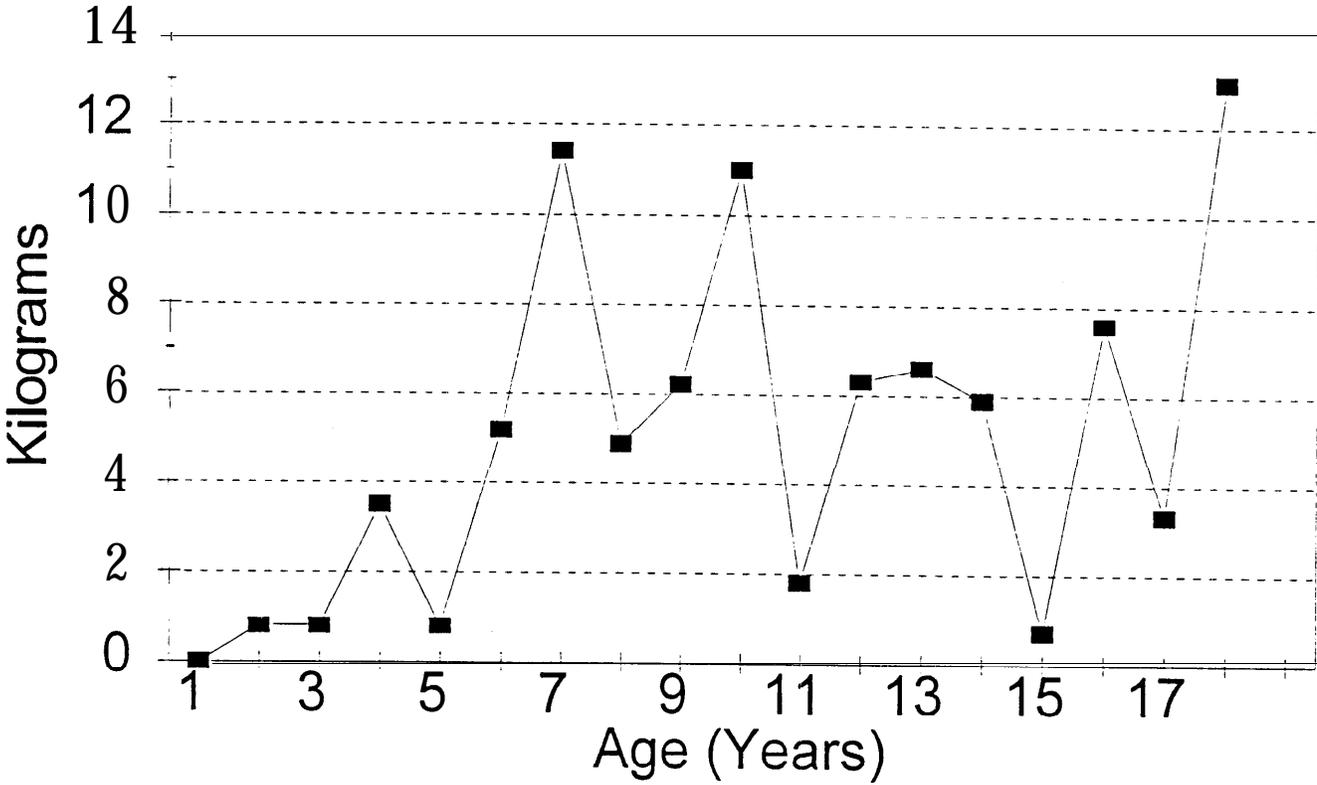
Change in 95th Percentile Weight - Combined (Kg.)



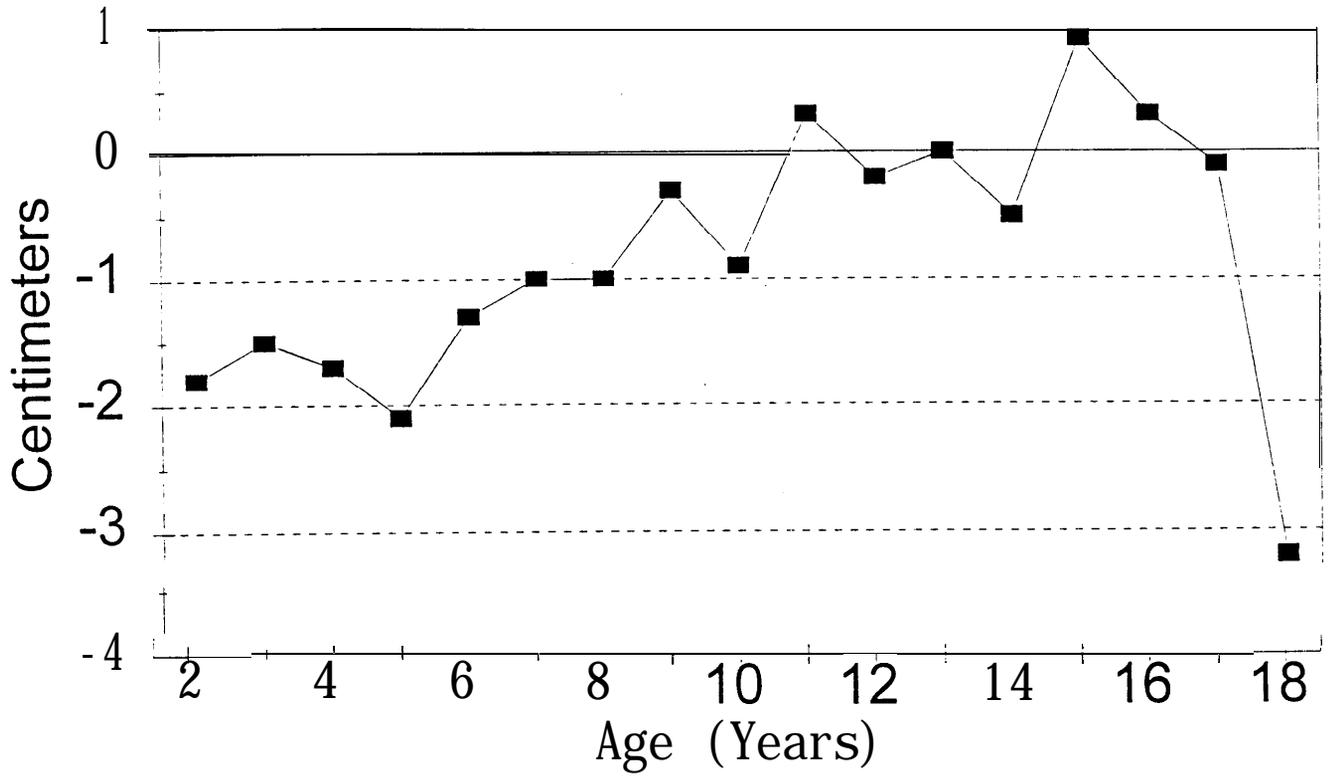
Change in 95th Percentile Weight - Males (kg)



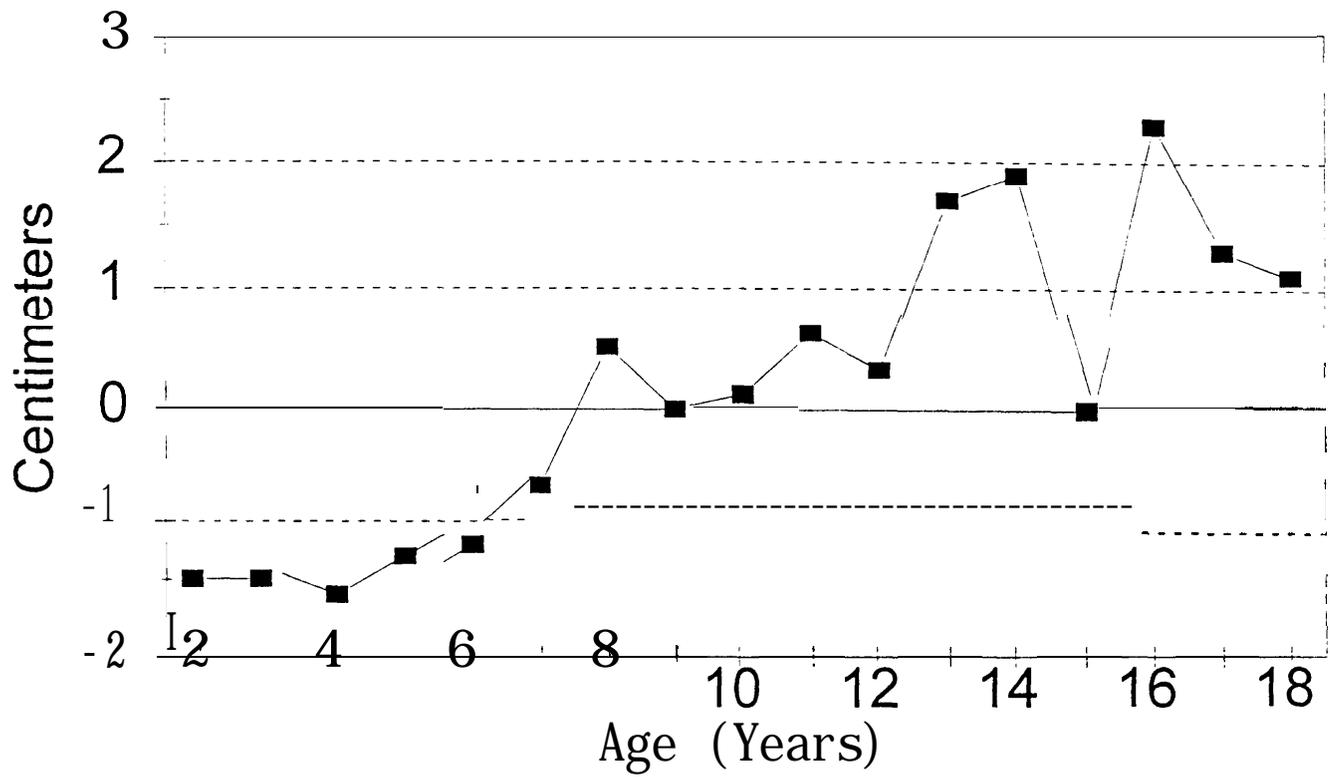
Change in 95th Percentile Weight - Females (kg)



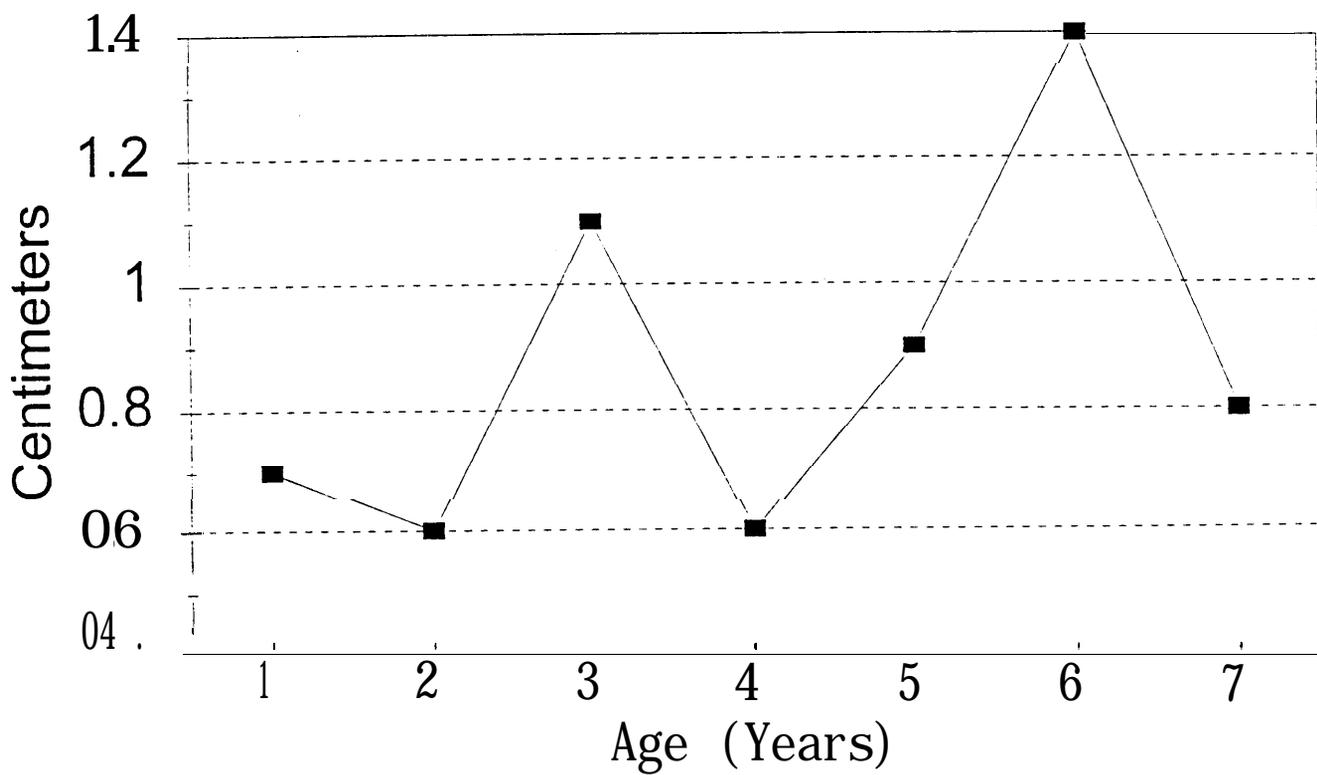
Change in 5th Percentile Sitting Ht. - Combined (cm)



Change in 95th Percentile Sitting Ht. - Combined (cm)



Change in 5th Percentile Head Circum. - Combined (cm.)



Change in 95th Percentile Head Circum. - Combined (cm.)

